

Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 6

58770

OAK RIDGE, TENNESSEE

Tuesday, February 15, 1949



Y-12 Photos By Vince Moore

HERE ARE THE SAFETY AWARDS FROM WHICH ELIGIBLE Y-12 EMPLOYEES MAY make their choice. They include two types of wallets for women (left) and men (right) a fountain pen that writes in three colors and a cigarette lighter. A description of the articles and how they may be obtained by eligible employees is given in an accompanying news story.

Y-12 Employees To Get Individual Awards For Compiling Fine Safety Record Without Lost Time Accident

All Y-12 employees who were on the payroll here during the award period (August 23, 1948 to December 22, 1948) when the plant completed 1,500,000 man-hours of work without an accident causing loss of time from work, soon will receive handsome individual awards as provided under the safety plan of Carbide and Carbon Chemicals Corporation.

The Corporation safety plan provides individual recognition for employees in its plants whenever the plant qualifies under any one of the following requirements:

1. Operating continuously for one year, or 1,500,000 man-hours without a lost time accident.
2. Maintaining a plant cumulative frequency rate of less than 1.5 per cent for a calendar year.
3. A reduction in the frequency rate by 50 per cent over the preceding calendar year.

As a result of qualifying for the individual prizes through operating 1,500,000 man-hours without a lost time accident the plant also is to receive a bronze plaque from Union Carbide and Carbon Corporation in recognition of the safety record established by the plant.

Description Of Safety Awards

Here is a brief description of the safety awards to be made to all eligible Y-12 employees. There will be two types of Craftsman wallets for both women and men, a fountain pen writing in three different colors and a cigarette lighter. According to the numbers in the picture of the awards in this issue of The Y-12 Bulletin the articles are:

23-015--Women's wallet in alligator finish. Has change purse, card and picture holders, "Hid-n-Fold" secret pocket, bound in metal with a snap lock.

11-015--Women's wallet similar to No. 23-015 except finished in red Morocco leather.

23-024--Men's wallet in knobby goat finish with zipper, change purse, card and picture holders and "Hid-n-Fold" pocket.

12-141--Men's wallet in fine dark brown grain finish with metal plate for inscribing name. Is similar to No. 23-024 except without "Hid-n-Fold" pocket.

88--Color King fountain pen. Sturdily built pen that writes in three different colors with press of a button.

56--Zippo cigarette lighter. It is windproof and hailed as one of the best lighters made.

All awards are to be inscribed with the wording "1948 Safety Award, C. and C.C.C., Y-12."

Within the next few days all eligible employees in Y-12 (those on the payroll between August 23 and December 22, 1948) will receive selection cards which will be distributed by Supervision. On these cards the employees should designate their choice of the awards to be presented.

Awards To Be Displayed

Pictures and descriptions of the awards also will be distributed throughout the plant to help employees make their choice. Samples of the awards themselves also will be displayed. The awards include two types of wallets for both women and men, a three-color ink fountain pen and a cigarette lighter.

The selection of articles chosen as awards, from which all eligible employees may make their choice, was picked by a committee of men and women from each division in Y-12. Members of the committee carefully inspected items under consideration before submitting them to the entire plant personnel.

On the award selection card each employee is urged to make both a first and second choice of articles desired from the list of awards. The designation should be made by

(Continued On Page 4)

32 Y-12ers Are Students, One Teacher In U-T Classes

A total of 32 Y-12 employees are enrolled in various chemistry, physics and mathematics classes of the Oak Ridge branch of the University of Tennessee graduate school and one is an instructor in the school, a recent check revealed.

The instructor is Dr. G. W. Keilholtz, a physicist in Dept. H12L, who is conducting classes in chemistry.

Among the Y-12 employees taking graduate school work are Kenneth A. Allen, William F. Arendale, Mary Elizabeth Barnes, Clarence F. Barnett, Harry R. Bronstein, Samuel B. Buxton, Janet Cisar, Harris W. Dunn, Paul F. Dunn, Stanley F. Fairbourne, John M. Coogan, Jr., Paul M. Griffin, Jay E. Hammel, Charles D. Hatfield, Ralph O. Hutchison, Emerson E. Kelly, Jr., Edward C. Long, Jr., Emily Julia Lord, Robert S. Lowrie, Harold C. McCurdy, Roberta L. McCutchin, Carroll B. Mills, John W. Morfitt, Henry W. Morgan, John J. Murphy, Raymond L. Murray, Joe R. Patton, Jeanne Mary Rogers, Emma Virginia Spivey, Leo G. Chelius, Faye M. Rankin and Boyd S. Weaver.

Second Term MIT Students Visit Y-12

The Massachusetts Institute of Technology Engineering Practice School operating at the three Carbide and Carbon Chemicals Corporation plants here in Oak Ridge began its second session last week, with 13 MIT graduate students on hand.

Group Pays Visit To Y-12

According to Practice School Director William A. Reed, the group for the past few days has been engaged primarily in an orientation program including visits to the Y-12, K-25 and Oak Ridge National Laboratory plants, hearing talks on the various aspects of security at atomic energy plants and a review of the project's histories.

Reed also announced that William J. Larkin, mechanical engineer from New York City, has been added to the practice school staff as an assistant director. Assistant Director Ray Baddour, who, with Reed, made up the staff of the first school here, will continue in the same capacity.

Session To End July 9

The present session of the practice school will continue through July 9.

Students enrolled in the second session MIT graduate school are studying both mechanical and chemical engineering. Mechanical engineering students are Edward R. Lady, Williamsport, Pa.; Ephraim Sparrow, Bridgeport, Conn.; and Paul E. Tausche, Milwaukee, Wis.

The chemical engineering students are Robert D. Anding, Baton Rouge, La.; Don W. Bartholomew, Seattle, Wash.; Roger Carlsmith, Pittsburgh, Pa.; John R. Cheshire, Charleston, S. C.; Edward J. Freeh, Pleasant Valley, Pa.; George A. Freund, Meponsit, L. I.; William P. Jensen, Seattle, Wash.; Walter J. Laird, Philadelphia, Pa.; Roger N. Saleeby, New York City; and Wil-

(Continued On Page 2)

Institute Opens Sixth Course; 32 Enrolled

Thirty-two scientists from the United States, England, Holland, and Belgium gathered in Oak Ridge today, beginning a course in the techniques of using radioisotopes in research.

The course is the sixth in a series Oak Ridge Institute of Nuclear Studies designed to teach scientists how to apply radioisotopes to their own research. The Institute is comprised of 19 Southern universities and conducts a broad program of research and training in the nuclear sciences through a contract with the Atomic Energy Commission.

Application for foreign scientists are routed through the Washington Embassy and the United States State Department to the Atomic Energy Commission. Scientists, to be accepted, must be citizens of nations which have qualified to receive radioisotopes under the commission's isotope export program.

Repeaters In Top Attendance Spots

Repeaters held first and second places in the Major League attendance standings for the week ending February 6, while the Minor League pacemaker for the same period also held top rating the previous week.

Field Maintenance Repeats

In the Major League Dept. A20N, Field Maintenance, topped the list with an absentee mark of .3 per cent. For the week ending January 30 this department reported a perfect attendance record. In second place for both periods was Dept. A12G, Guards, which had an absentee mark of 1.5 for the most recent reporting period. In third place was Dept. A14N, Electrical Equipment Repair and Maintenance, which had 1.9 of its employees absent and also which advanced from fourth place held the previous week.

In the Minor League Dept. A12R, Cafeteria, again posted a perfect attendance mark and held first

(Continued On Page 2)

'Headlines In Chemistry' Weekly Radio Program Will Be Broadcast By Chemical Society Section

A 15-minute weekly radio program, "Headlines In Chemistry," soon is being planned over Oak Ridge Station WATO under the auspices of the East Tennessee Section of the American Chemical Society. Negotiations now are under way between A. S. Olson, Oak Ridge National Laboratory, and the station for time on the air to present the public service program.

A companion program is to be presented over Station WGN, Knoxville, beginning Wednesday night, February 16, from 9:15 p.m. to 9:30 p.m. Dr. E. C. Noonan, head of the University of Tennessee

Chemical Department, is chairman of the section committee arranging the radio programs and will direct the Knoxville programs.

Contemplated plans provide for recording of programs both in Knoxville and Oak Ridge and the recording tapes to be exchanged by the two stations for alternate broadcasts. However, it is expected the opening broadcasts will be "live."

The programs will discuss chemistry in everyday life and its connection with such public service as smoke abatement, water treatment and sewerage disposal. The scripts also will keep the public informed

on latest developments in the field of chemistry.

C. D. Susano, Dept. H12D in Y-12, has asked any Y-12 employee with experience in preparing or delivering radio scripts or who is interested in helping make the programs a success to communicate with him in Bldg. 9733-1, telephone 7613.

Similar programs are being broadcast over more than 30 stations in the United States and Canada under the auspices of the ACS. Prior to inauguration of the program in Knoxville, Kingsport, Tenn., was the only Tennessee city to offer such a program.

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No Charge Is Allowed For Donated Blood

The Oak Ridge Chapter of the American Red Cross again is pointing out that under the volunteer blood donor program of the chapter no blood given to a patient under the program is charged for, according to Mrs. Philip Anderson, chairman of the Oak Ridge blood donor program.

Laboratory Service Change Made
However, Mrs. Anderson declares, reports that donated blood is being charged for to patients may result from the fact that hospital laboratories make a charge for a "transfusion set" or materials used in making the transfusion although there is no charge for the blood itself. Charging for blood, she says, is impossible under provisions of the national volunteer blood donor program under which the program of the Oak Ridge Red Cross chapter operates.

In cities having no volunteer blood donor program, Mrs. Anderson says, the prevailing charge for blood is \$25 per pint. Laboratory charges for a transfusion, usually under \$5, is in addition to the charge for the blood.

1,615 Pints Are Donated
In Oak Ridge under the Red Cross volunteer blood donor program 1,615 pints of blood have been donated and used, without charge by Oak Ridge residents and employees since the program was launched in October, 1947. Beneficiaries of the program have been saved a minimum of \$40,375 for transfused blood during this period, based on the prevailing rate of \$25 per pint, Mrs. Anderson estimates.

The majority of this blood has been donated by employees of Carbide and Carbon Chemicals Corp. employees, the chapter reports in extending thanks to the donors. During the two-week period ending January 31, blood donations were made by 37 Carbide employees, including a number from Y-12, it is pointed out by Mrs. Anderson.

Second Term MIT Students Visit Y-12

(Continued From Page 1)
Liam C. Curtis, Cleveland, Ohio. The purpose of the school is the education of graduate students in several fields of engineering under a program which is designed to develop their ability to apply basic principles to the solution of technical problems encountered in industry, with particular emphasis on the engineering aspects of atomic energy.

While the practice school operation in Oak Ridge is based on the principles that have been successfully developed in the MIT's School of Chemical Engineering Practice during the past 25 years, the school is operated as a separate educational unit, and is open to students from any pertinent branch of engineering.

Limited To Graduate Students
Admission to the school, however, is limited to graduate students in the several engineering departments of the Institute who have been in residence at MIT at least one term. The program is open only to United States citizens and every student must be cleared by the Atomic Energy Commission before he will be considered for admission.

A college education never hurt anyone who was willing to learn something afterwards.

Church Offers Barter Theater In Shaw Play

One of the outstanding entertainment features of the season will be presented at the Oak Ridge High School auditorium Tuesday night, February 22, when the Barter Theater Players, of Abingdon, Va., will offer George Bernard Shaw's play, "Arms And The Man." The appearance of the Barter Theater players here is under the auspices of the building fund committee of St. Stephen's Episcopal Church, of which St. George Tucker Arnold is chairman.

George Holt, Dept. A12W in Bldg. 9739, is Y-12 plant representative on the church committee and in charge of ticket sales here. Other plant representatives include T. William Rodes, K-25; and Kenneth Fowler, Oak Ridge National Laboratory. Tickets also may be obtained at Henebrey's Jewelry Store, Jackson Square. Tickets will cost \$1.80, including tax, for the single performance.

"Arms And The Man" is a satire on war and love and was written by Shaw in 1894. It is one of the most popular plays in the repertory of the Barter Players.

The Barter Theater group is one of the best known theatrical organizations in the country. The players last appeared in Oak Ridge in 1946 when they presented "State Of The Union."

Repeaters In Top Attendance Spots

(Continued From Page 1)
place. Joining Dept. A12R in the perfect attendance bracket for the week ending February 6 were Dept. B12A, Superintendents; and Dept. A21N, Special Facilities. They advanced from fifth and sixth places held the previous week.

Second place in the Minor League went to Dept. M15P, Chemical, fourth place holders for the week ending January 30, with an absentee mark of .5 per cent. Third place was held by Dept. A13T, Transportation, with a mark of 1.1 per cent and which dropped from its second place standing for the previous week.

The plant absentee mark was 3.4 per cent for the week ending February 6, the same as for the previous week. The plant record by departments follows:

MAJOR LEAGUE				
More than 50 Employees Scheduled				
Dept.	Absent	Percentage	Standing	2-6-49 1-30-49
A20N	0.3		1	1
A12G	1.5		2	2
A14N	1.9		3	4
H12E	2.3		4	3
H12L	2.5		5	8
M12P	2.7		6	6
A16N	2.8		7	11
H12D	3.4		8	5
A12S	4.5		9	12
A17N	5.01		10	14
A12M	5.01		10	9
A13N	5.9		11	10
B13L	6.3		12	13
B12L	6.6		13	7

Group absentee percentage was 3.4 per cent, .1 per cent lower than the preceding week.

MINOR LEAGUE				
15-49 Employees Scheduled				
Dept.	Absent	Percentage	Standing	2-6-49 1-30-49
A12R	0.0		1	1
B12A	0.0		1	5
A21N	0.0		1	6
M15P	0.5		2	4
A13T	1.1		3	2
M12M	1.9		4	3
A12T	2.0		5	13
A19N	2.5		6	1
A12D	3.2		7	11
A13S	4.0		8	12
M12S	4.4		9	8
A12W	4.5		10	9
A12N	5.2		11	10
A12A	5.7		12	15
A14J	6.2		13	6
A15N	6.3		14	7
A13W	10.3		15	14

Group absentee percentage was 3.4 per cent, .5 per cent higher than the preceding week.

The plant average for the week ending February 6 was 3.4 per cent, remaining the same as the preceding week.

Two fishermen sitting on a bridge, their lines in the water, made a bet as to which would catch the first fish. One got a bite and got so excited that he fell off the bridge.

"Oh, well," said the other, "If you're going to dive for them, the bet's off!"



Y-12 Photos By Vince Moore
PRESENT AND FORMER Y-12 EMPLOYEES MEMBERS of the Oak Ridge Community Chorus who appeared in concert with the musical group February 5 are shown above. At the piano is Stella Hayes, then from left to right are R. L. Knight, George Nesle, Georgia Moore, Phil Williams, J. E. Lee, Jr., John Redman, Mrs. J. E. Lee, Phyllis Brown and Riley Barrett, director of the chorus.

Strictly Confidential..

Dept. A14N extends sympathy to D. P. Anderson, whose father died recently.

Nancy Case, Dept. A19N, spent a recent week end visiting with her daughter, Mrs. D. M. Clark, of Knoxville. Lillian Hamlet visited with her sister, Mrs. Owen Smith, of Middlesboro, Ky.

Dept. B12L extends get well wishes to Elizabeth Patrick and Edna Rhea, who are on the sick list.

Clarence Johnson, Dept. A13J, and his wife had as their recent guest Mrs. Johnson's mother, Mrs. Marie Clardy, of Maben, Miss.

P. B. Wilson, Dept. H12L, and his wife motored to Franklin, Va., where they visited with Mrs. Wilson's parents. The latest on fishing---there's fish in the K-25 lake, according to W. W. Davis and George Chilton who really brought home the bacon, or rather the fish, last week with a total catch of 23 crappie. Say the fishermen, "We could have caught our limit but we ran out of bait" . . . Porter Holland and his wife visited with relatives in Chattanooga.

B. F. Nicley, Dept. A13N, attended a refrigeration meeting in Birmingham, Ala., recently and saw T. E. Chaney, former Y-12er. Christine Sparkman, Martha Jo Felton, Virginia Boone, Irene Elmore and Charlotte Wynn were guests at a dinner party given at the home of Emma Russell recently. A speedy recovery wish is extended to C. P. Spire, who is ill.

Sympathy is extended to Ruth Law, Dept. A12P, whose brother, Charles W. Law, who worked at K-25, was killed in an automobile and truck collision, February 8.

George Ferrell, Dept. A16N, and his wife, Clyde, Dept. A12M, spent their vacation last week moving into the new home which they purchased at Powell Station, recently.

Duck gang, when Howard P. Doyle and Joe White approach, for five will get you eight that the topic of their conversation will be their golf match (?) at the Oak Ridge Golf and Country Club recently. Joe allows as how he got a swell view of the countryside in Roane and Anderson Counties as a result of his ramblings through the fairways and byways (rough, that is) and the Doyle is still happy over the fact that the two of them finished with the same ball (singular) they used on starting.

Dept. A12S extends sympathy to Walcott Watson on the death of his aunt, Mrs. Frank Lewis, of Indianapolis, Ind., February 4.

Dept. A14N welcomes G. E. Fielden back on the job after an extended illness.

D. B. Williams, Dept. A12G, and

family visited with friends in Sevierville over the week end. . . J. B. Quinn and O. H. Riggs are on the vacation list.

W. E. Davis, Dept. A23J, and his family had as guest his aunt, Jean Gilpin, of Barbourville, Ky.

Dept. A12J extends sympathy to James R. Whitcomb on the death of his grandmother last week.

Virginia Bowers, Dept. H12D, recently spent a few days with her parents in Newport, Tenn.

. . . Florence Housch spent a recent week end in Chicamauga, Ga.

Gordon Lindner, Dept. A13W, is the proud papa of a red-headed baby girl weighing five pounds and 13 1/2 ounces, born February 6.

R. S. Stewart Will Address Metals Society Wednesday

Raymond S. Stewart, assistant chief physical metallurgist of the titanium alloy manufacturing division of the National Lead Co., will speak at the February technical meeting of the Oak Ridge Chapter of the American Society For Metals. The meeting will be held at 8 p.m., Wednesday, February 16, in the West Lounge of the Ridge Recreation Hall.

Stewart's topic will be "The Metallurgy of Titanium and Zirconium." He is a graduate of the Missouri School of Mines and has held his present position since 1945.

Playhouse To Stage Show In Knoxville February 22

After successfully presenting Tennessee Williams' play "The Glass Menagerie" in three performances at the Oak Ridge High School auditorium last Thursday, Friday and Saturday nights, the Oak Ridge Community Playhouse will take the production to Knoxville for a single performance next Tuesday night, February 22.

The Knoxville appearance will be at the Knoxville High School under auspices of the Knoxville High School Thespians, school theatrical group.

Martha Ross, wife of Don Ross, Dept. H12E, will appear in the cast. Evan Means, Dept. A14N, is stage manager for the Playhouse.

Ceramists In Y-12 Invited To Meet

Y-12 employees interested in ceramics are invited to attend a meeting of the Tennessee Valley Section of the American Ceramic Society set for Chattanooga Friday, February 18. A trip through Chattanooga manufacturing plants, a cocktail hour and dinner meeting have been scheduled for the visitors.

Complete information on the program for the Chattanooga meeting may be obtained from Murray A. Schwartz, Fairchild Engine and Airplane Corp., P. O. Box 415, Oak Ridge.

Keep alert and don't get hurt!

Demonstration Concert Program Given By Cohn

One of the high spots in musical entertainment of the season for Oak Ridge music lovers will be the "demonstration concert" to be given Saturday night at the high school auditorium by the Oak Ridge Symphony Orchestra under direction of Waldo Cohn. Curtain time is 8:15 p.m.

Appearing with the orchestra will be Harry Bainbridge, trombone; and John Ramsey, French horn. Both are Y-12 employees. Patricia Merry, daughter of Joyce Merry, of Y-12, plays oboe and Joe R. White, son of Joe White, of Y-12, plays bass violin in the orchestra.

Varied Program Arranged

The theme of the concert will be a description of instruments used in a symphony orchestra, the various types of music played and the forms, purposes and history of symphonic music. A widely varied program has been arranged by Director Cohn to carry out the purpose of the concert, which is to answer many questions propounded by concert-goers of Oak Ridge on problems of musical technique.

The concert also will be marked by the return of Alfred Schmied, pianist, of the Department of Fine Arts of the University of Tennessee, to Oak Ridge.

Descriptions To Be Given

Before each number on the program a brief description of the featured instruments and the type of music will be made so that the audience will fully understand each selection.

Tickets for the concert are on sale at the Music Box from 4 p.m. to 6 p.m. and all day Saturday. All seats are reserved.

The program follows:
String Instruments Demonstration
Early orchestra music; "Christmas Concerto," by Corelli.

Woodwind Instruments
The classical symphony; First movement of Mozart's "Symphony No. 40."

Brass And Percussion
The operatic overture; Overture to "Russlan and Ludmilla," by Glinka.

Intermission
The Concerto

First movement of concerto for piano and orchestra by Schumann. Played by Alfred Schmied.

The Contemporary Ballet
(American)

"Celebration Dance" from "Billy The Kid," by Copland.

Motion Picture Music (Russian)
Suite from the film "Lieutenant Kije," by Prokofieff.

Regional Composition
(North Carolina)

"Cripple Creek" from "The Southern Mountain Suite," by Springfield.

Carbide Wives To Meet Wednesday

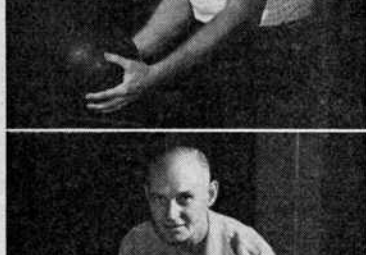
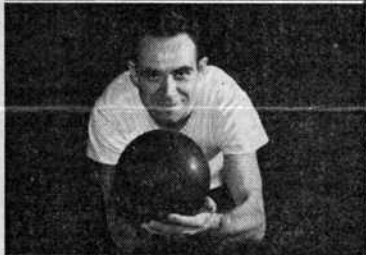
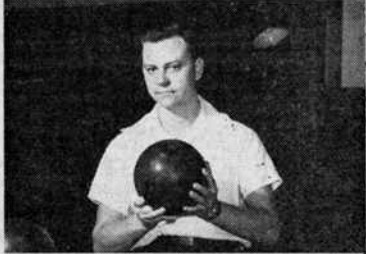
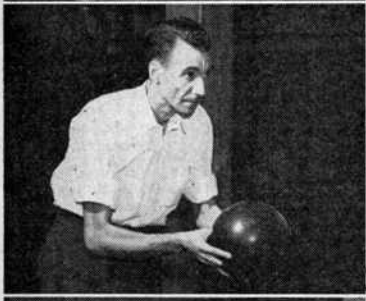
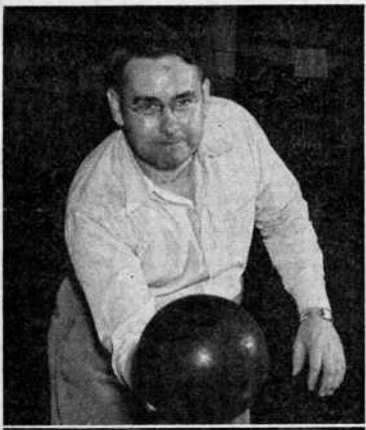
The Carbide Wives will hold their regular monthly social meeting Wednesday night, February 16 in the East Lounge of the Ridge Recreation Hall. Hostesses for the occasion will be Mesdames F. L. Daley, C. T. Johnson, Dale Manguson, Edgar Almgren, R. S. McKee and T. V. Tilson. All wives of Y-12 employees are cordially invited to attend the session.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital last week: Edna B. Rhea, Dept. B12L; Genevieve Bryant, Dept. B12L; David C. Shephard, Dept. A14J, Arnold H. Norman, Dept. M12S, Wilbur McIntosh, Dept. B12L; Verna P. Peckman, Dept. A12M; Karl W. Meckner, Dept. A12A; June K. Wilkerson, Dept. A12J, Victoria T. Lewand, Dept. B13L.

ANOTHER CARBIDE FIRST

Although there have been about a dozen awards of the Chemical and Metallurgical Engineering plaque for chemical engineering since it was inaugurated in 1933, Carbide and Carbon Chemicals Corporation was the first to receive it.



Y-12 Photos By Vince Moore
STRONG CONTENDERS
 for first place honors in the Dept. H12L Bowling League are the Beetle Baums, pictured above in various poses. From top to bottom are George Fisher, Ray Duckworth, F. S. Killian, Tom Stevens, Carl Frazier, Martin Shenner and Clyde Lusk. They have a team motto based on their Spike Jones' counterpart on the race track—"We are going to win in the stretch with a pin to spare."

**More Sport News
 On Page Four**

Y-12 PIN MEET SET FEBRUARY 26 AND 27

SPORTS NEWS IN Y-12

Guards Keep Perfect Record In Plant Cage Loop; Postponed Games Reset; Tourney Starts March 2

With the Y-12 Plant Basketball League season rapidly entering the final stretch of the second half of the season, the Guards last week maintained their perfect won record, now extended to five. However, they were closely pressed by the Calutrons and Isotopes, with the Sure Shots, Bldg. 9212 and the Rough House Five still battling to improve their standing in the loop.

Rescheduling of postponed games was announced last week by Arnold Tiller, Y-12 Recreation Supervisor. The three games originally scheduled for February 2 will be played Wednesday night, February 23, with the Isotopes meeting the Calutrons at 6:30 p.m., the Guards and Bldg. 9212 clashing at 7:30 p.m. and the Rough House Five and Sure Shots swapping baskets at 8:30 p.m. These games were postponed when the Scarboro gymnasium was unavailable for basketball on February 2.

Gragg Hits Pins Well But Scotties Slide

Slambang competition resulted when the D League bowlers took to the alleys last Wednesday night and when all the pins had been picked up seven of the eight teams were fairly well bunched in the standings. However, the Overheads remained well in the lead despite being able only to divide four points with the Termite keggers.

Gragg Posts 220 Single Game

The Scotties, in second place, muffed a chance to better their percentage by dropping three points to the Pinbusters while only winning one. This loss was suffered despite the high series scratch score by the Scotties of 2,203 and the individual rolling of Gragg. Gragg bowled a 220 scratch single game, 558 scratch series and 238 handicap single game. He also scored a 612 handicap series, being edged out in this bracket by Buckminster, of the Termites, who posted a 615.

In other team clashes the Strikers and Woodchoppers wound up in a tie for third and fourth places as the latter outfit took three points and lost one. The Old Men climbed out of the cellar at the expense of the Splinters by the same margin.

Termites Have Good Scores

The Termites turned in the best team single game scores of the night, a 774 scratch and 971 handicap. The Overheads grabbed off high handicap series score honors with a 2,789.

Buckminster was close behind Gragg in individual scoring with a 205 single scratch game, 525 scratch series and a 235 handicap single game. Strokenbroeker, of the Strikers, came through with a 512 scratch and 605 series score with handicap. Adams, of the Pinbusters, bowled a 501 scratch series, just two pins behind Bowles, of the Overheads.

Dodgers Drive To Top Rung In Plant Women's Pin Loop

The Dodgers climbed into first place in the W League of women plant bowlers last Thursday by walloping the Controllers for three straight games as the Kemps rolled the Wholly Rollers for the same number of contests. In the other league match, the Beta Pickups downed the Hi Balls for three games.

The Kemps took high team scoring honors with a handicap series of 2,247 after rolling a 1,536 scratch score. The Kemps also rolled a high single scratch game of 558. The best handicap single game was posted by the Dodgers with 796.

Brushwood, of the Wholly Rollers, topped the individual scoring with scratch scores of 167 for a single game and 458 for series. The high handicap single game was a 227 by Saine, of the Controllers, and Tucker, of the Kemps, posted a 558 for handicap series honors.

Badminton Boys Of Y-12 Triumph

The Y-12 badminton boys battered K-25 for seven games while losing three last Thursday night in the Oak Ridge City League. This placed these two teams in a tie for second place as Oak Ridge National Laboratory took the lead and Fairchild brought up the rear.

Matlock, Hooks Take Honors In C League

Don Matlock and his teammates on the Hooks bowling team of the C League hogged honors in loop competition last Tuesday night. As a result the Hooks advanced a couple of notches in the standings by grabbing four points from the lowly Knucklebusters and now are in fifth place at the top of the second division of the league standings.

207 Single Game Is Tops

Matlock brushed aside 207 pins for high scratch single game of the night. His handicap boosted the count to 254 and his handicap series score was 659. Braden, of the Bldg. 9206 team, turned in high scratch series score of 537.

In other team competition last week the Materializers easily held their league leadership by walloping the Moles for four points. The Guards also swept four points from the Bldg. 9206 outfit while the Thin Pins grabbed three from the Orphans.

Materializers Get Into Act

The Hooks came out on top in three team scores. Their 822 was the high scratch game of the night, a 2,230 was enough for scratch series honors and the 822 was boosted to 1,003 with handicap for superiority in this category. The Materializers salvaged high handicap team series honors by posting a 2,823.

Williams, All Stars Take B Loop Honors

Williams, of the All Stars, walked away with most of the individual scoring honors in B League bowling last Thursday night to enable his teammates to keep pace with the league-leading Rippers. The All Stars bagged three points to one for the Comets while the Rippers walloped One-91 by the same count.

Williams posted a neat 238 single scratch game, handicap single game of 281 and handicap series score of 663. Koons, of the Rippers, had a 543 scratch single score for tops. The All Stars also scored team honors with a scratch single game of 873 and handicap single game of 1,058.

The Head Pins made the only clean sweep of the night, blanking Dept. A12M for four points. By this feat, the Head Pins jumped from fifth place to a deadlock with the Woodpeckers for third and fourth rungs on the ladder. Other team results were Mules over Cubs, Woodpeckers over Bums and Wolves over Maintenance. All of these victories were by three points to one.

Season Ends February 21

The regular season is scheduled to close with the games on February 21 and the annual plant tournament to determine the champion for the season will start March 2.

In games last week the Guards knocked over the Rough House Five, 33 to 21, and the Isotopes, 34 to 28. The Calutrons also turned in a pair of victories, smothering the Sure Shots 35 to 18 and then making tame tabbies out of the Rough House Five, 35 to 22. The Sure Shots bounced back from their loss to the Calutrons and trounced Bldg. 9212 in a close scrap to the tune of 32 to 28. The Isotopes broke even for the week by winning a 29 to 21 triumph over the Bldg 9212 quintet.

Coming Games Are Listed

Schedule through next Monday follows:

Wednesday, February 16—6:30 p.m., Guards vs Bldg. 9212. 7:30 p.m., Sure Shots vs Rough House Five. 8:30 p.m., Isotopes vs Calutrons.

Monday, February 21—6:30 p.m., Sure Shots vs Isotopes. 7:30 p.m., Rough House Five vs Bldg. 9212.

League standing follows:

Team	W	L	Team	W	L
Guards	5	0	Sure Shots	2	4
Calutrons	4	1	Bldg. 9212	2	4
Isotopes	4	2	R' House Five	0	6

Appleknockers Take Firm Hold On H12L Leadership

The Appleknockers went into undisputed lead in the Dept. H12L League last Thursday night by taking four points from the Jim Crows, who failed to scratch the scorebook. The Beetle Baums, tied for first place last week, were dropped for three points to one by the Cherry Pickers with the two teams ending hostilities in a tie in the standings.

Capehart led the Cherry Pickers and the loop in scoring with a 189 scratch single game and 226 handicap single tilt. His teammates posted a 796 single scratch game and 1,018 handicap game for tops in that category.

Wallflower: A girl who wears a sweater to keep warm.



THIS ATTRACTIVE COLLECTION OF LASSIES COMPOSE THE DODGERS TEAM OF THE Y-12 Women's Plant Bowling League, who are now proud possessors of first place. Left to right are Dorothy Witty, Corinne (Bingo) Snyder, Erlene Elder, Hazel Wiggins and Mildred Johnson.

Deadline For Entries Monday, February 21

The plant-wide bowling tournament will be staged on Saturday and Sunday, February 26 and 27, at the Grove Bowling Alleys, it was determined at a meeting of officials of the four Y-12 plant bowling leagues last Thursday at the Recreation Office.

Blanks Distributed This Week

Entry blanks for the tournament will be distributed this week at the regular bowling dates of the various plant leagues. Competition will be in singles, doubles and teams.

To be eligible to enter the tournament, all bowlers must have engaged in 12 or more games as a member of a team in the B, C, D or Dept. H12D League during the current season.

The deadline for returning entry blanks to the Y-12 Recreation Office, North Portal, was set for Monday, February 21. There will be no entry fee charged but each bowler will pay the regular bowling fee charged by the alleys.

Trophies To Be Awarded

The Company already has obtained a large number of attractive trophies to be awarded in the tournament.

The trophies will be awarded members of the winning team, the winning doubles team and the high individual scorers in various categories on both handicap and scratch scores.

Varsity Keglers Grab Three From S. & B.

Although the Y-12 varsity male bowlers took three points out of four from the S. & B. keggers last week in a close encounter, they slipped another rung below the high-flying Allards alleyman who grabbed four valuable counters to remain far out in front in the Oak Ridge City League. The Y-12ers were firmly resting in second place last week and tackled the league-leaders last night.

Roll ORNL Next Monday

After the clash against Allards last night the Y-12 bowlers are scheduled to meet the Oak Ridge National Laboratory team next Monday night, February 21.

Ernie Cobble paced the Y-12 pin smashers and topped the entire league in posting a 236 single game and 574 series. Harold Duncan, whose sizzling 244 single game and 625 series the previous week, had an off night and could only tally 409 pins in the three-game series. Nelson Tibbatts scored 529, Nick Zabenco 507 and Rudy Pletz an even 500 for Y-12.

Game Scoring Is Close

Against the S. & B. outfit Y-12 won the first game by 832 to 829, dropped the second by 863 to 846 and then rallied to take the finale by 841 to 809. The victors dropped 2,519 pins to 2,501 for the losers.

League standing follows:

Team	W	L	Team	W	L
Allards	33	3	Clinch Radio	17	19
Y-12	23	13	S. & B.	16	20
Marot	20	16	Wholesalers	14	18
Monroe	19	17	R-A	15	21
Addressograph	19	17	ORNL	15	21
K-25	18	18	Fairchild	5	31

Resolutions: Things that go in one year and out the other.

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Camera Club Studies Portrait Making; Stetson Wins Contest

A record attendance at any one meeting of 55 members of the Carbide Camera Club last Tuesday night heard the first of two demonstrations on portrait photography and saw Nat Stetson, Dept. H12E employee in Y-12, take first honors in a black and white print competition.

The portrait making demonstration and instruction was given by Robin Thompson, former Y-12 employee and now a commercial photographer in Fountain City. A number of club members brought their camera and equipment to the meeting and tried out techniques and methods suggested by Thompson. At the March meeting of the club on Tuesday, March 8, the club photographers will return with their pictures for criticisms and hints from Thompson. Thompson also will exhibit some of his own portrait work at this meeting.

Joyce Wendolkowski, Dept. A15N, volunteered to model for the portrait photography by the club members and was the objective of a

large number of "shots."

The Thompson lecture and demonstrations were enthusiastically received by the club and lasted more than two hours. An informal discussion followed the regular session.

Stetson's prize winning print is entitled "Companions" and was the outstanding of a number of entries on the subject of glass. The prize winning picture showed a glass, bottle and ashtray and the technique used by Stetson brought out the transparent objects in sharp detail. Second place in the contest was taken by Foster F. Calloway with John Ramsey taking third honors. All of the prize winners are Y-12 employees.

Don Mattern, former president of the Knoxville Camera Club, judged the prints.

Standings In Plant Bowling League

B LEAGUE				
Team	W	L	Team	W L
Rippers	25	7	Maintenance	16 16
All Stars	22	10	Cubs	15 18
Head Pins	19	13	Mules	14 16
Woodpeckers	19	13	Bums	13 19
One-91	18	14	Comets	12 20
Wolves	17	15	Dept. A12M	3 29

C LEAGUE				
Team	W	L	Team	W L
Materializers	23	13	Hooks	19 17
Thin Pins	21	15	Bldg. 9206	16 20
Orphans	20	16	Moles	16 20
Guards	20	16	K'busters	10 26

Add Men's City League

D LEAGUE				
Team	W	L	Team	W L
Overheads	17	3	Termites	9 11
Scotties	11	9	Pinbusters	9 11
Strikers	10	10	Old Men	8 12
Woodchoppers	10	10	Splinters	6 14

W LEAGUE				
Team	W	L	Team	W L
Dodgers	11	4	Beta Pick Ups	7 8
Kemps	10	5	Controllers	4 11
Wholly Rollers	9	6	Hi Balls	4 11

DEPT. H12L LEAGUE				
Team	W	L	Team	W L
Apple Knock's	15	9	Cherry Pick's	12 12
Beetle Baums	12	12	Jim Crows	9 15

Robins To Meet K-25 Sextet Friday Night

Basketball fans and followers of the Y-12 Robins might as well go into the market for a slightly used but well-conditioned crystal ball to determine the whereabouts of the girls during the next few days.

Just before the deadline last week the Robins entered the A.A.U. women's regional tournament in Knoxville and played their first game against the Knoxville Pepsi-Cola team last Saturday night. If the Robins survived that clash they were to meet the winner of the Jellico-Kingston game Monday night.

Entered in the Knoxville tournament were the Roane-Anderson and K-25 sextets of the Oak Ridge City League, Roane-Anderson being the defending champions. Winners of the Knoxville tournament will compete in the Southern A.A.U. championship meet in Nashville later.

The Knoxville meet put a crimp into the Oak Ridge schedule for the week. Y-12 was scheduled to play the Oak Ridge National Laboratory team last night but are not scheduled for another league game until Friday, February 18, when they are slated to play K-25.

Last week the Y-12ers made two more futile attempts to defeat high-flying Roane-Anderson. The league-leaders won both times, 24 to 11 and 37 to 19.

Five Y-12 Women In WIBC Tourney

Five Y-12 gomen bowlers entered the Women's International Bowling Congress Oak Ridge tournament held at the Jefferson alleys Saturday and Sunday, February 5 and 6. Katherine Jenkins took 13th place to lead the Y-12 entries with a handicap score for four games of 734. She was followed by Oradean Upchurch with 713, Ruth Law with 680, Corinne Snyder with 649 and Betty Sherman with 635. Jean Mate, of Oak Ridge National Laboratory, took top honors with 802.

Moron: That which in the wintertime, women wouldn't have so many colds if they put.

Women Varsity Bowlers Take Decision From R-A Lassies

The Y-12 women's varsity bowling team reversed their performance of the previous week when they took to the alleys against Roane-Anderson last Thursday night. They took two out of three games from the R-A lassies but were outscored in total pins. In their last outing they had outscored the Sure Shots but lost two decisions.

Against R-A the Y-12ers scored 686-716-767 for a total of 2,169. Roane-Anderson totaled 2,177 pins on games of 720-576-760.

Margaret O'Neal topped the Y-12 scorers with 470, followed by Inez Reece 455, Evelyn Jago 440, Peggy Schmitt 403 and Olyne Poindexter 398.

League standing follows:

Team	W	L	Team	W	L
Tulip Town	46	17	Knox B'print	31	22
Norris C'mery	37	26	Muny Market	31	22
ORNL	36	27	R-A	26	37
Y-12	35	28	Fairchild	23	40
Marot	35	28	Merchants	22	41
K-25	35	28	Sure Shots	21	42

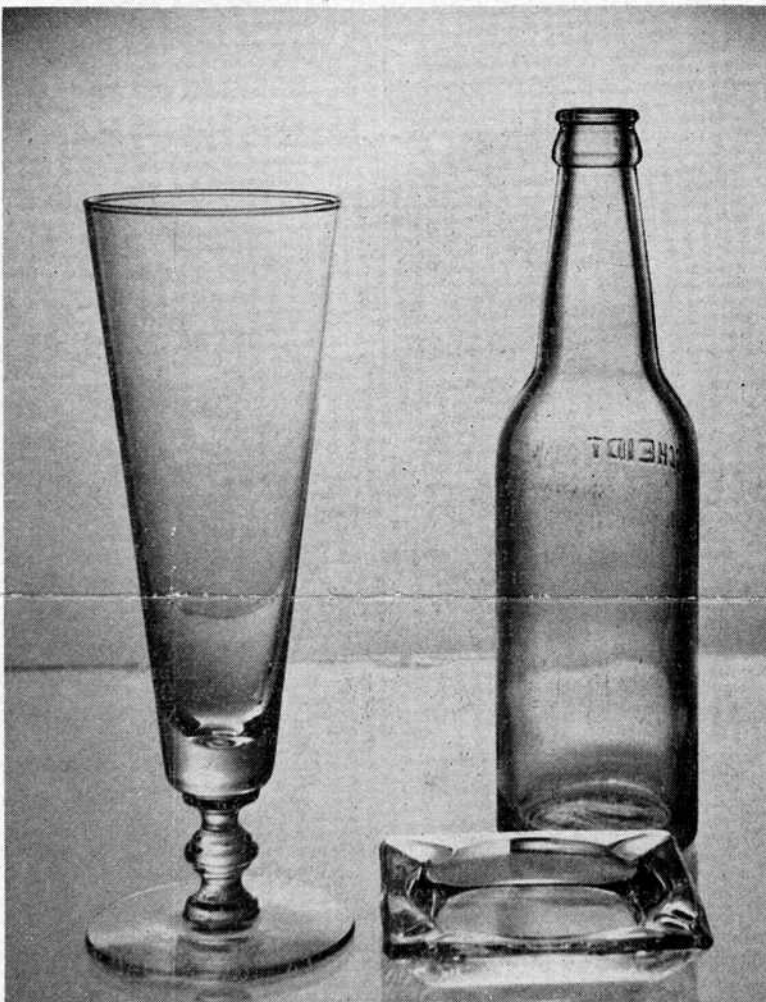
BUCKETS OF DOUGH

A recent news story from Philadelphia reports a window washer, Gorge Turner, 28, used his bucket to carry away some \$50,000 in loot from office buildings "cased" while he washed the windows.



Y-12 Photos By Vince Moore

ROBIN THOMPSON, FORMER Y-12 EMPLOYEE, IN FRONT OF FLOODLIGHT, IS DEMONSTRATING portrait photography techniques to members of the Carbide Camera Club at its meeting last week. The model is Joyce Wendolkowski, Dept. A15N employee in Y-12. Among the club members taking pictures or paying close attention to Thompson's instructions are Vince DeRito and F. C. Culloch, both of Oak Ridge National Laboratory; Frank Gordon, Ralph N. De Lozier, Frank Neill, Paul Griffin, Gilbert Mellen and Nat Stetson, all of Y-12.



ENTITLED "COMPANIONS" THIS PHOTOGRAPH WON first prize in the Carbide Camera Club contest last week. Nat Stetson, vice president of the club and a Y-12 employee, made the difficult picture, using a Kodak Reflex camera with f22 stop and one-tenth of a second exposure. Plus X Microdol developer was used and the print is on velour black paper. To obtain the shading and outline the bottle, glass and ashtray were placed on plate glass with a strip of tracing paper behind and under the mount. One photoflood light was placed behind the paper and under the objects with no direct lighting.

Pool Sharks Of Y-12 Given Shutout Defeat By K-25

The pocket billiard team of K-25 did everything but hit the Y-12ers over the head with cues and walked away with all six points in an Oak Ridge City League match February 7. It was the first time this season that the Y-12 sharks had been shut out and the crushing defeat tumbled them from second place to third in league standings, the K-25 outfit adding insult to injury by passing Capt. "Red" Wiest's team and taking over the runner-up spot.

W. B. Motley put up the best fight for Y-12, losing to Rassler, 75 to 73. In this engagement Motley turned in a string of 23 for the night's best effort. Other games found Carter beating W. C. Walker, 75-52; Sprales topping Wiest, 75-50; Linville edging out W. Mingo, 75-68; and Brooks crushing H. Burnett, 75-30.

Last night Y-12 met the ORNL team and next Sunday night they will take a crack at the Roane-Anderson group.

Gamble Valley School To Get Remodeling For Negro Use

Extensive alterations and improvements are planned for the Gamble Valley School, which will become a permanent Negro institution some time during the next school year, it has been announced by the Atomic Energy Commission.

White children now attending the Gamble Valley school will move into the new school building to be erected in the vicinity of the new housing development now under construction east of the Scarboro Road and south of the Oak Ridge Turnpike. Contract for this building recently was awarded the A. Farnell Blair Co., Atlanta, Ga., on a low bid of \$442,449.

Pending completion of the new school project Negro pupils will continue to use part of the Scarboro school building, which soon is to be remodeled to house headquarters of the University of Tennessee agricultural research program being conducted in Oak Ridge.

Y-12 Employees Get Awards For Safety

(Continued From Page 1)

number of the article desired, which is shown on the pictures to be distributed throughout the plant and which is published in The Y-12 Bulletin this week.

After the card has been filled out, it should be returned to Supervision in the earliest possible time so that orders may be placed for the award articles. Complete information on further details in connection with distribution of the awards will be made as soon as possible in The Y-12 Bulletin and on plant bulletin boards.

Arrangements now are being made to send awards to employees who are eligible to receive them but who are not now on the payroll.

Safety Trend Is Continuing

The safety trend in Y-12 that brought recognition to the plant and all of its employees is steadily continuing. By the end of December, 1948, the no lost time accident mark had grown to 1,624,130 man-hours and at press time of The Y-12 Bulletin last week was nearing the 2,000,000 mark.

With this splendid accident-free record already achieved, employees throughout Y-12 are aiming their sights at the 3,000,000 man-hours of work with no losses of time because of accident. They are spurred on with the knowledge that every day without a lost time accident is a step forward in safe operation of the plant with its resultant benefits to the individual employees and the Corporation alike.

Y-12 Receives Congratulations

Dr. C. E. Larson, Y-12 Superintendent, has received letters of congratulation on the plant safety achievements from H. D. Kinsey, Works Manager of Carbide and Carbon Chemicals Corporation; and A. F. Tyra, of the Safety Section of Union Carbide. Both highly praised the Y-12 record and expressed hope for its continuance. Pictures of both letters and their texts were published in The Y-12 Bulletin Tuesday, January 25.

Similar awards to those to be distributed in Y-12 are to be made to employees of the Oak Ridge National Laboratory, who completed 1,500,000 man-hours of work without a lost time accident on December 30, 1948.

Knowing that the minister was very fond of cherry brandy, one of the church elders offered to present him with a bottle on one consideration—that the pastor acknowledge receipt of the gift in the church paper.

"Gladly," responded the good man.

When the church magazine came out a few days later the elder turned at once to the "appreciation" column. There he read: "The minister extends his thanks to Elder Brown for his gift of fruit and the spirit in which it was given."